

Supplemental Materials 3: Lists of Common Milkweed and Potential Nectar Plants

These lists are specific to test areas and does not necessarily include all species for an entire USFWS Region.

Table SM-3.1. Milkweeds plants that may be encountered while sampling in the Washita NWR, Neal Smith NWR, Waubay NWR, and their vicinities.

Washita NWR:		
Species Acronym	Scientific Name	Common Name
ASCARE	<i>Asclepias arenaria</i>	Sand milkweed
ASCASP	<i>Asclepias asperula capricornu</i>	Antelopehorns
ASCENG	<i>Asclepias engelmanniana</i>	Engelmann's milkweed
ASCHIR	<i>Asclepias hirtella</i>	Green milkweed
ASCINC	<i>Asclepias incarnata</i>	Swamp milkweed
ASCINV	<i>Asclepias involucrata</i>	Dwarf milkweed
ASCLAT	<i>Asclepias latifolia</i>	Broadleaf milkweed
ASCLON	<i>Asclepias longifolia</i>	Longleaf milkweed
ASCMAC	<i>Asclepias macrotis</i>	Longhood milkweed
ASCOBO	<i>Asclepias obovata</i>	Pineeland milkweed
ASCOEN	<i>Asclepias oenotheroides</i>	Zizotes milkweed
ASCPUM	<i>Asclepias pumila</i>	Plains milkweed
ASCPUR	<i>Asclepias purpurascens</i>	Purple milkweed
ASCQUA	<i>Asclepias quadrifolia</i>	Fourleaf milkweed
ASCSPE	<i>Asclepias speciosa</i>	Showy milkweed
ASCSTE	<i>Asclepias stenophylla</i>	Slimleaf milkweed
ASCSUB	<i>Asclepias subverticillata</i>	Horsetail milkweed
ASCSUL	<i>Asclepias sullivantii</i>	Prairie milkweed
ASCSYR	<i>Asclepias syriaca</i>	Common milkweed
ASCTUB	<i>Asclepias tuberosa</i>	Butterfly milkweed
ASCUNC	<i>Asclepias uncialis</i>	Wheel milkweed
ASCVAR	<i>Asclepias variegata</i>	Redring milkweed
ASCVER	<i>Asclepias verticillata</i>	Whorled milkweed
ASCVIF	<i>Asclepias viridiflora</i>	Green comet milkweed
ASCVIR	<i>Asclepias viridis</i>	Green antelopehorn

Neal Smith NWR:		
Species Acronym	Scientific Name	Common Name
ASCAMP	<i>Asclepias amplexicaulis</i>	Sand milkweed/Blunt-leaved milkweed
ASCENG	<i>Asclepias engelmanniana</i>	Eared milkweed
ASCEXA	<i>Asclepias exaltata</i>	Poke milkweed
ASCHIR	<i>Asclepias hirtella</i>	Tall green milkweed
ASCINC	<i>Asclepias incarnata</i>	Swamp milkweed
ASCLAN	<i>Asclepias lanuginosa</i>	Wooly milkweed
ASCLON	<i>Asclepias longifolia</i>	Longleaf milkweed

ASCMEA	<i>Asclepias meadii</i>	Mead's milkweed
ASCOVA	<i>Asclepias ovalifolia</i>	Oval milkweed
ASCPUM	<i>Asclepias pumila</i>	Plains milkweed
ASCPUR	<i>Asclepias purpurascens</i>	Purple milkweed
ASCQUA	<i>Asclepias quadrifolia</i>	Whorled milkweed
ASCSPE	<i>Asclepias speciosa</i>	Showy milkweed
ASCSTE	<i>Asclepias stenophylla</i>	Narrow-leaved milkweed
ASCSUL	<i>Asclepias sullivantii</i>	Prairie milkweed
ASCSYR	<i>Asclepias syriaca</i>	Common milkweed
ASCTUB	<i>Asclepias tuberosa</i>	Butterfly milkweed
ASCVER	<i>Asclepias verticillata</i>	Whorled milkweed
ASCVIF	<i>Asclepias viridiflora</i>	Green milkweed

Waubay NWR:

Species Acronym	Scientific Name	Common Name
ASCARE	<i>Asclepias arenaria</i>	Sand milkweed
ASCINC	<i>Asclepias incarnata</i>	Swamp milkweed
ASCLAN	<i>Asclepias lanuginosa</i>	Woolly milkweed
ASCLAT	<i>Asclepias latifolia</i>	Broadleaf milkweed
ASCOVA	<i>Asclepias ovalifolia</i>	Oval-leaf milkweed
ASCPUM	<i>Asclepias pumila</i>	Plains milkweed
ASCPUR	<i>Asclepias purpurascens</i>	Purple milkweed
ASCSPE	<i>Asclepias speciosa</i>	Showy milkweed
ASCSTE	<i>Asclepias stenophylla</i>	Slimleaf milkweed
ASCSUL	<i>Asclepias sullivantii</i>	Prairie milkweed
ASCSYR	<i>Asclepias syriaca</i>	Common milkweed
ASCTUB	<i>Asclepias tuberosa</i>	Butterfly milkweed
ASCVER	<i>Asclepias verticillata</i>	Whorled milkweed
ASCVIF	<i>Asclepias viridiflora</i>	Green comet milkweed

Table SM-3.2. Common nectar plants that may be encountered while sampling in the Washita NWR and vicinity.

Species Acronym	Scientific Name	Common Name	ITIS	TSN
ACAANG	<i>Acacia angustissima</i>	prairie acacia		
ACHMIL	<i>Achillea millefolium</i>	common yarrow		
AGAHET	<i>Agalinis heterophylla</i>	prairie false foxglove		
ALLCAN	<i>Allium canadense</i>	meadow garlic		
ALLPER	<i>Allium per dulce</i>	plains onion		
AMOCAN	<i>Amorpha canescens</i>	leadplant		
AMPDRA	<i>Amphiachyris dracunculoides</i>	prairie broomweed		
ANDOCC	<i>Androsace occidentalis</i>	western rockjasmine		
APHPIL	<i>Aphanostephus pilosus</i>	hairy lazy daisy		
APHSKI	<i>Aphanostephus skirrhobasis</i>	Arkansas lazy daisy		
APOCAN	<i>Apocynum cannabinum</i>	Indian hemp		
ARESER	<i>Arenaria serpyllifolia</i>	thyme-leaf sandwort		
ARGPOL	<i>Argemone polyanthemos</i>	crested pricklypoppy		
ASCARE	<i>Asclepias arenaria</i>	sand milkweed		
ASCASP	<i>Asclepias asperula</i>	antelopehorn		
ASCENG	<i>Asclepias engelmanniana</i>	Engelmann's milkweed		
ASCLAT	<i>Asclepias latifolia</i>	broadleaf milkweed		
ASCSPE	<i>Asclepias speciosa</i>	showy milkweed		
ASCSTE	<i>Asclepias stenophylla</i>	narrow leaf milkweed		
ASCTUB	<i>Asclepias tuberosa</i>	butterfly milkweed		
ASCVIR	<i>Asclepias viridiflora</i>	green comet milkweed		
ASCVIR2	<i>Asclepias viridis</i>	green antelopehorn		
ASTGRA	<i>Astragalus gracilis</i>	slender milkvetch		
ASTNUT	<i>Astragalus nuttallianus</i>	smallflowered milkvetch		
BAPAUS	<i>Baptisia australis</i>	blue wild indigo		
BAPBRA	<i>Baptisia bracteata</i>	longbract wild indigo		
BIDFRO	<i>Bidens frondosa</i>	devil's beggartick		
CALBER	<i>Calylophus berlandieri</i>	Berlandier's sundrops		
CALHAR	<i>Calylophus hartwegii</i>	Hartweg's sundrops		
CALINV	<i>Callirhoe involucrata</i>	purple poppymallow		
CALLEI	<i>Callirhoe leiocarpa</i>	tall poppymallow		
CALSER	<i>Calylophus serrulatus</i>	yellow sundrops		
CAPBUR	<i>Capsella bursa-pastoris</i>	shepherd's purse		
CARNUT	<i>Carduus nutans</i>	nodding plumeless thistle		
CASPUR	<i>Castilleja purpurea</i>	dowdy Indian paintbrush		
CENAME	<i>Centaurea americana</i>	American star-thistle		
CENCYA	<i>Centaurea cyanus</i>	garden cornflower		
CHACON	<i>Chamaesaracha coniodes</i>	gray five eyes		
CHAERI	<i>Chaetopappa ericoides</i>	rose heath		
CHAFAS	<i>Chamaecrista fasciculata</i>	partridge pea		
CHRPL	<i>Chrysopsis pilosa</i>	soft goldenaster		
CROCH	<i>Cirsium ochrocentrum</i>	yellow spine thistle		

CIRUND	<i>Cirsium undulatum</i>	w avyleaf thistle
COMERE	<i>Commelina erecta</i>	slender dayflow er
CONARV	<i>Convolvulus arvensis</i>	field bindw eed
CONCAN	<i>Conyza canadensis</i>	Canadian horseweed
CONEQU	<i>Convolvulus equitans</i>	Texas bindw eed
CRODIV	<i>Croptilon divaricatum</i>	slender scratchdaisy
CUCFOE	<i>Cucurbita foetidissima</i>	Buffalo gourd
DALAUR	<i>Dalea aurea</i>	golden prairie clover
DALCAN	<i>Dalea candida</i>	w hite prairie clover
DALENN	<i>Dalea enneandra</i>	nineanther prairie clover
DALMUL	<i>Dalea multiflora</i>	roundhead prairie clover
DALPUR	<i>Dalea purpurea</i>	violet prairie clover
DALVIL	<i>Dalea villosa</i>	silky prairie clover
DELCAR	<i>Delphinium carolinianum</i>	Carolina larkspur
DESCUS	<i>Desmodium cuspidatum</i>	largebract ticktrefoil
DESGLU	<i>Desmodium glutinosum</i>	pointedleaf ticktrefoil
DESILL	<i>Desmanthus illinoensis</i>	prairie bundleflow er
DESPIN	<i>Descurainia pinnata</i>	w estern tansymustard
DESES	<i>Desmodium sessilifolium</i>	sessileleaf ticktrefoil
DIMCAN	<i>Dimorphocarpa candicans</i>	Palmer's spectaclepod
DRAAMP	<i>Dracopis amplexicaulis</i>	clasping coneflower
DYSTAG	<i>Dysodiopsis tagetoides</i>	false dogfennel
ECHANG	<i>Echinacea angustifolia</i>	blacksamson echinacea
ECLPRO	<i>Eclipta prostrata</i>	false daisy
ENGPER	<i>Engelmannia peristenia</i>	Engelmann's daisy
ERIDIV	<i>Erigeron divergens</i>	daisy fleabane
ERIPHI	<i>Erigeron philadelphicus</i>	Philadelphia fleabane
ERYCAP	<i>Erysimum capitatum</i>	sanddune w allflow er
ERYREP	<i>Erysimum repandum</i>	spreading w allflow er
ESCMIS	<i>Escobaria missouriensis</i>	Missouri foxtail cactus
EUPSER	<i>Eupatorium serotinum</i>	lateflow ering thoroughwort
EVONUT	<i>Evolvulus nuttallianus</i>	shaggy dwarf morning-glory
GAIAES	<i>Gaillardia aestivalis</i>	lanceleaf blanketflow er
GAIPUL	<i>Gaillardia pulchella</i>	Indian blanket
GAUCOC	<i>Gaura coccinea</i>	scarlet beeblissom
GAUSIN	<i>Gaura sinuata</i>	w avyleaf beeblissom
GAUVIL	<i>Gaura villosa</i>	w oolly beeblissom
GERCAR	<i>Geranium carolinianum</i>	Carolina geranium
GEUCAN	<i>Geum canadense</i>	w hite avens
GLABIP	<i>Glandularia bipinnatifida</i>	Dakota mock vervain
GLAPUM	<i>Glandularia pumila</i>	pink mock vervain
GLYLEP	<i>Glycyrrhiza lepidota</i>	American licorice
GRINUD	<i>Grindelia nuda</i>	curlytop gumweed

GRIPA P	<i>Grindelia papposa</i>	Spanish gold
GRISQU	<i>Grindelia squarrosa</i>	curlycup gumweed
GUTSAR	<i>Gutierrezia sarothrae</i>	broom snakeweed
HEDDRU	<i>Hedeoma drummondii</i>	Drummond's false pennyroyal
HELANN	<i>Helianthus annuus</i>	common sunflower
HELPET	<i>Helianthus petiolaris</i>	prairie sunflower
HETCAN	<i>Heterotheca canescens</i>	hoary false goldenaster
HETSTE	<i>Heterotheca stenophylla</i>	stiffleaf false goldenaster
HETSUB	<i>Heterotheca subaxillaris</i>	camphorweed
HETVIL	<i>Heterotheca villosa</i>	hairy false goldenaster
HOGLA	<i>Hoffmannseggia glauca</i>	Indian rushpea
HYMFLA	<i>Hymenopappus flavescens</i>	yellow plainsman
HYMSCA	<i>Hymenopappus scabiosaeus</i>	Carolina wollywhite
HYMTEN	<i>Hymenopappus tenuifolius</i>	Chalk Hill hymenopappus
INDMIN	<i>Indigofera miniata</i>	scarlet pea
IPOLEP	<i>Ipomoea leptophylla</i>	bush morning-glory
KALPAR	<i>Kallstroemia parviflora</i>	warty caltrop
KRALAN	<i>Krameria lanceolata</i>	trailing krameria
LACLUD	<i>Lactuca ludoviciana</i>	biannual lettuce
LACSER	<i>Lactuca serriola</i>	prickly lettuce
LAMAMP	<i>Lamium amplexicaule</i>	henbit deadnettle
LEPDEN	<i>Lepidium densiflorum</i>	common pepperweed
LEPOBL	<i>Lepidium oblongum</i>	veiny pepperweed
LEPVIR	<i>Lepidium virginicum</i>	Virginia pepperweed
LESCAP	<i>Lespedeza capitata</i>	roundhead lespedeza
LESSTU	<i>Lespedeza stuevei</i>	tall lespedeza
LIAPUN	<i>Liatris punctata</i>	dotted blazing star
LIASQU	<i>Liatris squarrosa</i>	scaly blazing star
LINBER	<i>Linum berlandieri</i>	Berlandier's yellow flax
LINLEW	<i>Linum lewisii</i>	prairie flax
LINPRA	<i>Linum pratense</i>	meadow flax
LINRID	<i>Linum rigidum</i>	stiffstem flax
LITCAR	<i>Lithospermum carolinense</i>	Carolina puccoon
LOBCAR	<i>Lobelia cardinalis</i>	cardinalflower
LOMFOE	<i>Lomatium foeniculaceum</i>	desert biscuitroot
LOTUNI	<i>Lotus unifoliolatus</i>	American bird's-foot trefoil
LYGJUN	<i>Lygodesmia juncea</i>	rush skeletonplant
LYTALA	<i>Lythrum alatum</i>	winged lythrum
MACPIN	<i>Machaeranthera pinnatifida</i>	lacy tansyaster
MALNEG	<i>Malva neglecta</i>	common mallow
MATCYN	<i>Matelea cynanchoides</i>	prairie milkvine
MEDSAT	<i>Medicago sativa</i>	alfalfa
MELALB	<i>Melilotus alba</i>	white sweetclover

MELOFF	<i>Melilotus officinalis</i>	yellow sweet clover
MENNUD	<i>Mentzelia nuda</i>	bractless blazingstar
MENOLI	<i>Mentzelia oligosperma</i>	stickleleaf
MIMNUT	<i>Mimosa nuttallii</i>	Nuttall's sensitive-briar
MINMIC	<i>Minuartia michauxii</i>	Michaux's stitchwort
MIRALB	<i>Mirabilis albida</i>	white four o'clock
MIRGLA	<i>Mirabilis glabra</i>	smooth four o'clock
MIRLIN	<i>Mirabilis linearis</i>	narrow leaf four o'clock
MIRNYC	<i>Mirabilis nyctaginea</i>	heartleaf four o'clock
MONCLI	<i>Monarda clinopodioides</i>	basil bee balm
MONFIS	<i>Monarda fistulosa</i>	wild bergamot
MONPUN	<i>Monarda punctata</i>	horse mint
NAMHIS	<i>Nama hispidum</i>	sand bells
NAMSTE	<i>Nama stevensii</i>	Stevens' fiddleleaf
NOTBIV	<i>Nothoscordum bivalve</i>	crow poison
NUTCAN	<i>Nuttallanthus canadensis</i>	Canada toadflax
OENELA	<i>Oenothera elata</i>	Hooker's evening-primrose
OENGRA	<i>Oenothera grandis</i>	showy evening-primrose
OENJAM	<i>Oenothera jamesii</i>	trumpet evening-primrose
OENLAC	<i>Oenothera laciniata</i>	cutleaf evening-primrose
OENMAC	<i>Oenothera macrocarpa</i>	bigfruit evening-primrose
OENRHO	<i>Oenothera rhombipetala</i>	fourpoint evening-primrose
OENSPE	<i>Oenothera speciosa</i>	pink evening primrose
OPUMAC	<i>Opuntia macrorhiza</i>	whistspine pricklypear
OXACOR	<i>Oxalis corniculata</i>	creeping woodsorrel
OXASTR	<i>Oxalis stricta</i>	yellow woodsorrel
OXAVIO	<i>Oxalis violacea</i>	violet woodsorrel
OXYLAM	<i>Oxytropis lambertii</i>	purple locoweed
PACPLA	<i>Packera plattensis</i>	prairie groundsel
PALROS	<i>Palafoxia rosea</i>	rosy palafox
PARJAM	<i>Paronychia jamesii</i>	James' nailwort
PEDDIG	<i>Pediomelum digitatum</i>	palmleaf Indian breadroot
PEDLIN	<i>Pediomelum linearifolium</i>	narrow leaf Indian breadroot
PENFEN	<i>Penstemon fendleri</i>	Fendler's penstemon
PHASTR	<i>Phacelia strictiflora</i>	prairie phacelia
PHECAL	<i>Phemeranthus calycinus</i>	fameflower
PHYANG	<i>Physalis angulata</i>	cutleaf groundcherry
PHYCIN	<i>Physalis cinerascens</i>	smallflower groundcherry
PHYHET	<i>Physalis heterophylla</i>	clammy groundcherry
PHYHIS	<i>Physalis hispida</i>	prairie groundcherry
PHYLEP	<i>Phryma leptostachya</i>	American lopseed
PHYLON	<i>Physalis longifolia</i>	longleaf groundcherry
PHYNOD	<i>Phyla nodiflora</i>	turkey tangle fogfruit

PHYPUB	<i>Physalis pubescens</i>	Mexican husk tomato
PHYPUM	<i>Physalis pumila</i>	dw arf groundcherry
PLUCAM	<i>Pluchea camphorata</i>	camphor pluchea
POLDOD	<i>Polanisia dodecandra</i>	clammyw eed
POMJAM	<i>Pomaria jamesii</i>	James' holdback
PORPIL	<i>Portulaca pilosa</i>	kiss me quick
POTREC	<i>Potentilla recta</i>	sulphur cinquefoil
PROLOU	<i>Proboscidea louisianica</i>	ram's horn
PSITAG	<i>Psilotrophe tagetina</i>	w oolly paperflow er
PSOTEN	<i>Psoralidium tenuiflorum</i>	slimflow er scurfpea
PYRCAR	<i>Pyrrhopappus carolinianus</i>	False Dandelion
PYRGRA	<i>Pyrrhopappus grandiflorus</i>	tuberous desert-chicory
RATCOL	<i>Ratibida columnifera</i>	Mexican hat
RUDHIR	<i>Rudbeckia hirta</i>	blackeyed Susan
SALAZU	<i>Salvia azurea</i>	azure blue sage
SCURES	<i>Scutellaria resinosa</i>	sticky skullcap
SCUWRI	<i>Scutellaria wrightii</i>	Wright's skullcap
SENRID	<i>Senecio riddellii</i>	Riddell's ragwort
SILINT	<i>Silphium integrifolium</i>	w holeleaf rosinw eed
SILLAC	<i>Silphium laciniatum</i>	compassplant
SILRAD	<i>Silphium radula</i>	roughstem rosinw eed
SISANG	<i>Sisyrinchium angustifolium</i>	narrow leaf blue-eyed grass
SOLALT	<i>Solidago altiplanities</i>	high plains goldenrod
SOLCAN	<i>Solidago canadensis</i>	Canada goldenrod
SOLCIT	<i>Solanum citrullifolium</i>	w atermelon nightshade
SOLDIM	<i>Solanum dimidiatum</i>	w estern horse nettle
SOLELA	<i>Solanum elaeagnifolium</i>	silverleaf nightshade
SOLGIG	<i>Solidago gigantea</i>	giant goldenrod
SOLMIS	<i>Solidago missouriensis</i>	Missouri goldenrod
SOLMOL	<i>Solidago mollis</i>	velvety goldenrod
SOLNEM	<i>Solidago nemoralis</i>	gray goldenrod
SOLPET	<i>Solidago petiolaris</i>	dow ny ragged goldenrod
SOLPTY	<i>Solanum ptycanthum</i>	West Indian nightshade
SOLROS	<i>Solanum rostratum</i>	buffalobur nightshade
SOLSPE	<i>Solidago speciosa</i>	show y goldenrod
SONASP	<i>Sonchus asper</i>	spiny sow thistle
SOPNUT	<i>Sophora nuttalliana</i>	silky sophora
STELIN	<i>Stenosiphon linifolius</i>	false gaura
STENIG	<i>Stenaria nigricans</i>	baby's breath
STRHYA	<i>Streptanthus hyacinthoides</i>	smooth jew elflow er
STRLEI	<i>Strophostyles leiosperma</i>	slickseed fuzzybean
SYMERI	<i>Sympyotrichum ericoides</i>	w hite heath aster
SYMFUL	<i>Sympyotrichum falcatum</i>	w hite prairie aster

SYMFEN	<i>Symphyotrichum fendleri</i>	Fendler's aster
TEPVIR	<i>Tephrosia virginiana</i>	Virginia tephrosia
TETLIN	<i>Tetraneuris linearifolia</i>	fineleaf fournerved daisy
TETSCA	<i>Tetraneuris scaposa</i>	stemmy four-nerve daisy
TEUCAN	<i>Teucrium canadense</i>	Canada germander
TEULAC	<i>Teucrium laciniatum</i>	lacy germander
THEAMB	<i>Thelesperma ambiguum</i>	Colorado greenthread
THEFIL	<i>Thelesperma filifolium</i>	stiff greenthread
THEMEG	<i>Thelesperma megapotamicum</i>	Hopi tea greenthread
TOWEXS	<i>Townsendia exscapa</i>	stemless Townsend daisy
TRADUB	<i>Tragopogon dubius</i>	yellow salsify
TRAOCC	<i>Tradescantia occidentalis</i>	prairie spiderwort
TRAOHI	<i>Tradescantia ohiensis</i>	Ohio spiderwort
TRIHOL	<i>Triodanis holzingeri</i>	Holzinger's Venus' looking-glass
TRILEP	<i>Triodanis leptocarpa</i>	slimpod Venus' looking-glass
TRIPER	<i>Triodanis perfoliata</i>	clasping Venus' looking-glass
VERBAL	<i>Vernonia baldwinii</i>	Baldwin's ironweed
VERENC	<i>Verbesina encelioides</i>	golden crownbeard
VERSTR	<i>Verbena stricta</i>	hoary verbena
VERURT	<i>Verbena urticifolia</i>	white vervain
VICAME	<i>Vicia americana</i>	mat vetch
VICVIL	<i>Vicia villosa</i>	winter vetch
XANTEX	<i>Xanthisma texanum</i>	Texas sleepydaisy
YUCGLA	<i>Yucca glauca</i>	soapweed yucca
ZINGRA	<i>Zinnia grandiflora</i>	Rocky Mountain zinnia

Table SM-3.3. Common nectar plants that may be encountered while sampling in the Neal Smith NWR and vicinity. Courtesy of Pauline Drobney.

Species Acronym	Scientific Name	Common Name	ITIS	TSN
AMOCAN	<i>Amorpha canescens</i>	Lead plant		25371
ASCAMP	<i>Asclepias amplexicaulis</i>	Sand milkweed/Blunt-leaved milkweed	30244	
ASCENG	<i>Asclepias engelmanniana</i>	Eared milkweed	30263	
ASCEXA	<i>Asclepias exaltata</i>	Poke milkweed	30266	
ASCHIR	<i>Asclepias hirtella</i>	Tall green milkweed	30271	
ASCINC	<i>Asclepias incarnata</i>	Swamp milkweed	30241	
ASCLAN	<i>Asclepias lanuginosa</i>	Wooly milkweed	30277	
ASCLON	<i>Asclepias longifolia</i>	Longleaf milkweed		
ASCMEA	<i>Asclepias meadii</i>	Mead's milkweed	30285	
ASCOVA	<i>Asclepias ovalifolia</i>	Oval milkweed	30291	
ASCPUM	<i>Asclepias pumila</i>	Plains milkweed		
ASCPUR	<i>Asclepias purpurascens</i>	Purple milkweed	30296	
ASCQUA	<i>Asclepias quadrifolia</i>	Whorled milkweed	30297	
ASCSPE	<i>Asclepias speciosa</i>	Showy milkweed	30304	
ASCSTE	<i>Asclepias stenophylla</i>	Narrow-leaved milkweed	30306	
ASCSUL	<i>Asclepias sullivantii</i>	Prairie milkweed	30309	
ASCSYR	<i>Asclepias syriaca</i>	Common milkweed	30310	
ASCTUB	<i>Asclepias tuberosa</i>	Butterfly milkweed	30313	
ASCVER	<i>Asclepias verticillata</i>	Whorled milkweed	30320	
ASCVIF	<i>Asclepias viridiflora</i>	Green milkweed	30322	
ASTAZU	<i>Aster azureus</i>	Sky blue aster	35528	
ASTCOR	<i>Aster cordifolius</i>	Heart-leaved aster	35552	
ASTDRU	<i>Aster drummondii</i>	Drummond's aster	35559	
ASTERI	<i>Aster ericoides</i>	Heath aster, Frost aster	35564	
ASTLAE	<i>Aster laevis</i>	Smooth blue aster	35599	
ASTLAN	<i>Aster lanceolatus</i>	Panicled aster	193335	
ASTLAT	<i>Aster lateriflorus</i>	Side-flow ering aster	35601	
ASTNOV	<i>Aster novae-angliae</i>	New england aster	35613	
ASTOBL	<i>Aster oblongifolius</i>	Aromatic aster	35615	
ASTONT	<i>Aster ontarionis</i>	Ontario aster	35617	
ASTPIL	<i>Aster pilosus</i>	Hairy aster	35630	
ASTPRA	<i>Aster praealtus</i>	Willow aster	35635	
ASTPRE	<i>Aster prenanthoides</i>	Crooked aster	35637	
ASTSAG	<i>Aster sagittifolius</i>	Arrow-leaved aster	35645	
BAPLAC	<i>Baptisia lactea</i>	False or White indigo	26475	
BIDCER	<i>Bidens cernua</i>	Nodding bur marigold	35710	
BIDCON	<i>Bidens connata</i>	Purple-stemmed tickseed	35718	
BIDCOR	<i>Bidens coronata</i>	Tickseed-sunflower	35706	
BIDEsp	<i>Bidens sp</i>	Beggarticks	35705	
BIDFRO	<i>Bidens frondosa</i>	Common beggar's ticks	35707	

BIDPOL	<i>Bidens polylepis</i>	Bur marigold	35732
BIDTRI	<i>Bidens tripartita</i>	Sw amp tickseed	35709
BIDVUL	<i>Bidens vulgata</i>	Tall beggar-ticks	500995
BRIEUP	<i>Brickellia eupatorioides</i>	False boneset	36875
CACATR	<i>Cacalia atriplicifolia</i>	Indian plaintain	509850
CEAAME	<i>Ceanothus americanus pitcheri</i>	New Jersey tea	533231
CEAHER	<i>Ceanothus herbaceus pubescens</i>	Redroot	533242
CEANsp	<i>Ceanothus sp</i>	Ceanothus	28453
CHAFAS	<i>Chamaecrista fasciculata</i>	Partridge pea	501383
CICINT	<i>Cichorium intybus</i>	Chicory	36763
CIRALT	<i>Cirsium altissimum</i>	Tall thistle	36337
CIRARV	<i>Cirsium arvense</i>	Canada thistle	36335
CIRDIS	<i>Cirsium discolor</i>	Field thistle	36362
CIRVUL	<i>Cirsium vulgare</i>	Bull thistle	36428
CORPAL	<i>Coreopsis palmata</i>	Tickseed, Prairie coreopsis	37148
CORTRP	<i>Coreopsis tripteris</i>	Tall tickseed	37154
DALPUR	<i>Dalea purpurea</i>	Purple prairie clover	26642
DAUCAR	<i>Daucus carota</i>	Queen Anne's lace	29477
DELVIR	<i>Delphinium virescens</i>	Prairie larkspur	18524
DESCAD	<i>Desmodium canadense</i>	Show y tick-trefoil	25791
DESILE	<i>Desmodium illinoense</i>	Illinois tick-trefoil	25803
DESMsp	<i>Desmodium sp</i>	Tick-trefoil	25784
EUPALT	<i>Eupatorium altissimum</i>	Tall thoroughw ort	502498
EUPMAM	<i>Eupatorium maculatum</i>	Spotted Joe-pye-w eed	502517
EUPPER	<i>Eupatorium perfoliatum</i>	Boneset	35980
EUPPUR	<i>Eupatorium purpureum</i>	Purple Joe-pye-w eed	502522
EUPRUG	<i>Eupatorium rugosum</i>	White snakeroot	513345
GAUBIE	<i>Gaura biennis</i>	Biennial gaura	27642
GENALB	<i>Gentiana alba</i>	Pale gentian, Yellow gentian	29965
GENAND	<i>Gentiana andrewsii</i>	Bottle gentian, Closed gentian	29967
HELANN	<i>Helianthus annuus</i>	Common sunflow er	36616
HELAUT	<i>Helelenium autumnale</i>	Sneezew eed	36006
HELDEC	<i>Helianthus decapetalus</i>	Pale sunflow er, Thin leaf	502923
HELGIG	<i>Helianthus giganteus</i>	Tall sunflow er	36612
HELGRO	<i>Helianthus grosseserratus</i>	Saw -tooth sunflow er	36644
HELHEL	<i>Heliopsis helianthoides</i>	Ox-eye	37605
HELLsp	<i>Helianthus sp</i>	Sunflow er	36611
HELIGR	<i>Helianthus rigidus</i>	Prairie sunflow er	36682
HELSTR	<i>Helianthus strumosus</i>	Pale-leaved sunflow er	36690
HELTUB	<i>Helianthus tuberosus</i>	Jerusalem artichoke	36691
HYPPUN	<i>Hypericum punctatum</i>	Spotted St. John's w ort	21422
IMPCA P	<i>Impatiens capensis</i>	Spotted touch-me-not	29182
IMPPAL	<i>Impatiens pallida</i>	Pale touch-me-not, Jew el w eed	29189

IPOHED	<i>Ipomoea hederacea</i>	Ivy-leaved morning glory	503177
IPOPUR	<i>Ipomoea purpurea</i>	Annual morning glory	30789
LESCAP	<i>Lespedeza capitata</i>	Round-headed bush clover	25897
LIAASP	<i>Liatris aspera</i>	Rough blazing star	37909
LIAPYC	<i>Liatris pycnostachya</i>	Prairie blazing star	37937
LIATsp	<i>Liatris sp</i>	Blazing star	37906
LOBSIP	<i>Lobelia siphilitica</i>	Great lobelia	34531
LYCAME	<i>Lycopus americanus</i>	Water horehound	32254
LYSCIL	<i>Lysimachia ciliata</i>	Fringed loosestrife	23984
LYSQR	<i>Lysimachia quadriflora</i>	Narrow -leaved loosestrife	23996
MEDLUP	<i>Medicago lupulina</i>	Black medic	503721
MEDSAT	<i>Medicago sativa</i>	Alfalfa	183623
MELALB	<i>Melilotus alba</i>	White sweet clover	26149
MELOFC	<i>Melilotus officinalis</i>	Yellow sweet clover	26150
MIMRIN	<i>Mimulus ringens</i>	Monkey flower	33235
MIRNYC	<i>Mirabilis nyctaginea</i>	Wild four-o'clock	19655
MONFIS	<i>Monarda fistulosa</i>	Wild bergamot, Horsemint	32284
OENBIE	<i>Oenothera biennis centralis</i>	Common evening primrose	526211
OENVIL	<i>Oenothera villosa</i>	Gray evening primrose	27421
PARINT	<i>Parthenium integrifolium</i>	Feverfew , Wild quinine	38166
PASSAT	<i>Pastinaca sativa</i>	Wild parsnip	29795
PENDIG	<i>Penstemon digitalis</i>	Foxglove penstemon	33881
POTARU	<i>Potentilla arguta</i>	Prairie cinquefoil	24692
POTREC	<i>Potentilla recta</i>	Sulphur cinquefoil	24742
POTSIM	<i>Potentilla simplex</i>	Common cinquefoil	24751
PRUVUV	<i>Prunella vulgaris</i>	Self heal	32381
PYCPIL	<i>Pycnanthemum pilosum</i>	Hairy mountain mint	32654
PYCTEN	<i>Pycnanthemum tenuifolium</i>	Slender mountain mint	32668
PYCVIR	<i>Pycnanthemum virginianum</i>	Common mountain mint	32670
RATPIN	<i>Ratibida pinnata</i>	Gray-headed coneflower	38343
ROSARS	<i>Rosa arkansana suffulta</i>	Sunshine rose	530102
ROSAAsp	<i>Rosa sp</i>	Rose	24807
ROSBLA	<i>Rosa blanda</i>	Meadow rose	24816
ROSCAR	<i>Rosa carolina</i>	Pasture rose	24808
RUDHIR	<i>Rudbeckia hirta</i>	Black-eyed Susan	36765
RUDLAC	<i>Rudbeckia laciniata</i>	Tall coneflower	36775
RUDSUB	<i>Rudbeckia subtomentosa</i>	Fragrant coneflower	36783
RUDTRI	<i>Rudbeckia triloba</i>	Brown-eyed Susan	36784
RUEHUM	<i>Ruellia humilis</i>	Wild petunia	565466
SILINT	<i>Silphium integrifolium</i>	Rosinweed	38400
SILLAC	<i>Silphium laciniatum</i>	Compass plant	38401
SILPER	<i>Silphium perfoliatum</i>	Cup plant	38403
SILSTE	<i>Silene stellata</i>	Starry campion	20127

SOLCAN	<i>Solidago canadensis</i>	Tall goldenrod	36224
SOLGIG	<i>Solidago gigantea</i>	Smooth goldenrod	36259
SOLLsp	<i>Solidago sp</i>	Goldenrod	36223
SOLMIS	<i>Solidago missouriensis</i>	Missouri goldenrod	36277
SOLNEM	<i>Solidago nemoralis</i>	Old field goldenrod	36281
SOLRIG	<i>Solidago rigida</i>	Stiff goldenrod	36297
SOLSPE	<i>Solidago speciosa</i>	Showy goldenrod	36310
SOLULM	<i>Solidago ulmifolia</i>	Elm-leaved goldenrod	36225
STAPAL	<i>Stachys palustris</i>	Woundwort	32344
TEUCAN	<i>Teucrium canadense</i>	Germander	32352
THADAS	<i>Thalictrum dasycarpum</i>	Purple meadow rue	18667
TRABRA	<i>Tradescantia bracteata</i>	Prairie spiderwort	39157
TRADsp	<i>Tradescantia sp</i>	Spiderwort	39156
TRAOHI	<i>Tradescantia ohiensis</i>	Ohio spiderwort	39169
VERBAL	<i>Vernonia baldwinii</i>	Baldwin's ironweed	38622
VERFAS	<i>Vernonia fasciculata</i>	Common ironweed	38629
VERHAS	<i>Verbena hastata</i>	Blue vervain	32071
VERNsp	<i>Vernonia sp</i>	Ironweed	38615
VERSTR	<i>Verbena stricta</i>	Hoary vervain	32078
VERTHA	<i>Verbascum thapsus</i>	Common mullein	33394
VERVIM	<i>Veronicastrum virginicum</i>	Culver's root	34073

Record genus if non-blooming species is unknown but genus can be identified.

Species Acronym, Scientific Name and Common Name is from Iowa FQA.
Drobney, P.D., G.S. Wilhelm, D. Horton, M. Leoschke, D. Lewis, J. Pearson, D. Roosa, D. Smith. 2001. Floristic quality assessment for the state of Iowa.
Unpublished report.

ITIS Taxonomic Serial Number (TSN) is from
http://www.itis.gov/pdf/faq_itis_tsn.pdf

Table SM-3.4. Common nectar plants that may be encountered while sampling in the Waubay NWR and vicinity.

Species Acronym	Scientific Name	Common Name	ITIS	TSN
ARGANS	<i>Argentina anserina</i>	Silverweed		
ARTABS	<i>Artemisia absinthium</i>	Wormwood		
ASCARE	<i>Asclepias arenaria</i>	Sand milkweed		
ASCINC	<i>Asclepias incarnata</i>	Swamp milkweed		
ASCLAN	<i>Asclepias lanuginosa</i>	Wooly milkweed		
ASCLAT	<i>Asclepias latifolia</i>	Broadleaf milkweed		
ASCOVA	<i>Asclepias ovalifolia</i>	Oval-leaf milkweed		
ASCPUM	<i>Asclepias pumila</i>	Plains milkweed		
ASCPUR	<i>Asclepias purpurascens</i>	Purple milkweed		
ASCSPE	<i>Asclepias speciosa</i>	Showy milkweed		
ASCSTE	<i>Asclepias stenophylla</i>	Slimleaf milkweed		
ASCSUL	<i>Asclepias sullivantii</i>	Prairie milkweed		
ASCSYR	<i>Asclepias syriaca</i>	Common milkweed		
ASCTUB	<i>Asclepias tuberosa</i>	Butterfly milkweed		
ASCVER	<i>Asclepias verticillata</i>	Whorled milkweed		
ASCVIF	<i>Asclepias viridiflora</i>	Green comet milkweed		
BRIEUP	<i>Brickellia eupatorioides</i> var. <i>corymbulosa</i>	False boneset		
CIRARV	<i>Cirsium arvense</i>	Canada thistle		
CONARV	<i>Convolvulus arvensis</i>	Field bindweed		
EUPESU	<i>Euphorbia esula</i>	Leafy spurge		
GRISQU	<i>Grindelia squarrosa</i>	Curly-cup gumweed		
HELHEL	<i>Heliopsis helianthoides</i>	Ox-eye		
HELMAX	<i>Helianthus maximiliani</i>	Maximilian sunflower		
HELRIG	<i>Helianthus rigidus</i> sub. <i>subrhomboideus</i>	Stiff sunflower		
HYPHIR	<i>Hypoxis hirsuta</i>	Yellow stargrass		
LACTAT	<i>Lactuca tatarica</i> var. <i>pulchella</i>	Blue lettuce		
LATVEN	<i>Lathyrus venosus</i>	Bushy vetchling		
LIAASP	<i>Liatris aspera</i>	Rough gayfeather		
LIAPUN	<i>Liatris punctata</i>	Dotted gayfeather		
LILPHI	<i>Lilium philadelphicum</i>	Wood lily		
LINSUL	<i>Linum sulcatum</i>	Grooved yellow flax		
LINVUL	<i>Linaria vulgaris</i>	Yellow toadflax		
LITCAN	<i>Lithospermum canescens</i>	Hoary puccoon		
LITINC	<i>Lithospermum incisum</i>	Fringed puccoon		
LYGJUN	<i>Lygodesmia juncea</i>	Skeletonweed		
MEDLUB	<i>Medicago lupulina</i>	Black medic		
MEDSAT	<i>Medicago sativa</i>	Alfalfa		
MELOFF	<i>Melilotus officinalis</i>	Yellow sweetclover/White sweetclover		
MONFIF	<i>Monarda fistulosa</i>	Wild bergamot		
OENBIE	<i>Oenothera biennis</i>	Common evening primrose		

OLIRIG	<i>Oligoneuron rigidum</i> var. <i>humile</i>	Rigid goldenrod
ONOBEJ	<i>Onosmodium bejariense</i> var. <i>occidentale</i>	False gromwell/Marbleseed
OXAVIO	<i>Oxalis violacea</i>	Violet wood sorrel
OXYLAM	<i>Oxytropis lambertii</i>	Purple locoweed
PACPLA	<i>Packera plattensis</i>	Prairie ragwort/Groundsel
PEDCAN	<i>Pedicularis canadensis</i>	Common lousewort
PEDESC	<i>Pediomelum esculentum</i>	Breadroot
PENALB	<i>Penstemon albidus</i>	White beardtongue
PENGRC	<i>Penstemon gracilis</i>	Slender beardtongue
PHYVIR	<i>Physalis virginiana</i>	Virginia groundcherry
POLALB	<i>Polygala alba</i>	White milkwort
POTARU	<i>Potentilla arguta</i>	Tall cinquefoil
PSOARG	<i>Psoralea argophylla</i>	Silverleaf scurfpea
RATCOL	<i>Ratibida columnifera</i>	Upright prairie coneflower
RHUGLA	<i>Rhus glabra</i>	Smooth sumac
ROSARK	<i>Rosa arkansana</i>	Prairie wild rose
RUDHIR	<i>Rudbeckia hirta</i>	Black-eyed susan
SECVAR	<i>Securigera varia</i>	Crown vetch
SISMON	<i>Sisyrinchium montanum</i>	Blue-eyed grass
SOLCAN	<i>Solidago canadensis</i>	Canada goldenrod
SOLGIG	<i>Solidago gigantea</i>	Late goldenrod
SONARV	<i>Sonchus arvensis</i>	Sow thistle
SYMOCC	<i>Syphoracarpus occidentalis</i>	Western snow berry
THADAS	<i>Thalictrum dasycarpum</i>	Purple meadow-rue
TOXRYD	<i>Toxicodendron rydbergii</i>	Poison ivy
TRABRA	<i>Tradescantia bracteata</i>	Spiderwort
TRADUB	<i>Tragopogon dubius</i>	Goat's beard/Salsify
VERSTR	<i>Verbena stricta</i>	Hoary vervain/Verbena
VIOPED	<i>Viola pedatifida</i>	Prairie violet
ZIGELE	<i>Zigadenus elegans</i>	White camas/Death camas
ZIZAPT	<i>Zizia aptera</i>	Heart-leaved alexander
ZIZAUR	<i>Zizia aurea</i>	Golden alexander